

<p align="center"><b>NATIONAL PHASE UTILITY APPLICATION</b></p> <p align="center"><b>Transmittal to the (DO/EO/US) Under 35 USC 371</b></p>	<p>Attorney Docket No.: TOYA114.009APC  First Named Inventor: Hirai, Mitsuharu  Int'l Application No.: PCT/JP2004/005509  Int'l Filing Date: April 16, 2004  Priority Date Claimed: April 18, 2003  Title: METHOD OF DETECTING PANCREATIC ISLET  AMYLOID PROTEIN MUTANT GENE AND NUCLEIC  ACID PROBE AND KIT THEREFOR  Express Mail Label No.: EV 718229331 US</p>
<p><b>Direct all correspondence to Customer No.: 20995</b></p> <p align="right">Date: October 18, 2005 Page 1 of 2</p>	

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The following enclosures are transmitted herewith to be filed in the patent application of:

**Inventors:**

1. Mitsuharu, Hirai

**APPLICATION ELEMENTS:**

- (X) This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
- (X) This is an Express Request to begin national examination procedures (35 U.S.C. § 371(f)).
- (X) The U.S. has been elected (Article 31).
- (X) A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) has been communicated by the International Bureau. Copy of Form PCT/IB/308 enclosed.
- (X) An English translation of the International Application as filed has been previously submitted under 35 U.S.C. § 371(d)(4).
- (X) Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) have not been and will not be made.
- (X) Application in 22 pages.
- (X) An Oath or Declaration signed by the inventors (35 U.S.C. § 371(c)(4)).

**OTHER APPLICATION PARTS:**

- (X) Preliminary Amendment in 5 pages.
- (X) Four sheets of drawings.
- (X) Sequence Listing on paper in 4 pages and Sequence Listing in CRF (in duplicate).
- (X) Recordation form cover sheet and Assignment in 3 total pages (cover sheet & assignment).
- (X) An Information Disclosure Statement and PTO/SB/08 equivalent listing 6 references for consideration. Five references are enclosed.
- (X) Form PCT/IB/304.
- (X) First page of International Application as published

<b>NATIONAL PHASE UTILITY APPLICATION</b>  <b>Transmittal to the (DO/EO/US) Under 35 USC 371</b>	Attorney Docket No.: TOYA114.009APC First Named Inventor: Hirai, Mitsuharu Int'l Application No.: PCT/JP2004/005509 Int'l Filing Date: April 16, 2004 Priority Date Claimed: April 18, 2003 Title: METHOD OF DETECTING PANCREATIC ISLET AMYLOID PROTEIN MUTANT GENE AND NUCLEIC ACID PROBE AND KIT THEREFOR Express Mail Label No.: EV 718229331 US
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FEE CALCULATION			
FEE TYPE & DETERMINATION	LARGE FEE	CALCULATION	TOTAL
Basic Filing Fee under 1.492(a)	1631 (\$300)		\$300
Search Fee under 1.492(b) (enter one in TOTAL column)			
(1) USPTO was ISA and claims are novel	1640 (\$0)		
(2) USPTO was the ISA	1641 (\$100)		\$400
(3) Foreign Search Report Enclosed	1642 (\$400)		
(4) No Search Report Enclosed	1632 (\$500)		
Examination Fee under 1.492(c) (enter one in TOTAL column)			
(1) USPTO was IPEA & claims satisfy Art. 33 (1)-(4))	1643 (\$0)		\$200
(2) Non US IPEA / Noncompliant Claims	1633 (\$200)		
Excess Claims	9 - 20 = 0	1615 (\$50)	0 x 50 = \$0
Excess Ind. Claims	1 - 3 = 0	1614 (\$200)	0 x 200 = \$0
Assignment		8021 (\$40)	* x 40 = \$40
<b>TOTAL FEE PAID (If Different Than Fee Due)</b>			<b>\$940</b>

(X) A check in the amount of \$940 to cover the Total Fee Due is enclosed.

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**Attorney Docket No.** : TOYA114.009APC

**Applicant(s)** : Hirai, Mitsuharu

**For** : METHOD OF DETECTING PANCREATIC ISLET  
AMYLOID PROTEIN MUTANT GENE AND  
NUCLEIC ACID PROBE AND KIT THEREFOR

**Attorney** : Che Swyden Chereskin, Ph.D.

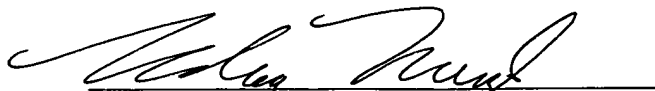
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I hereby certify that the accompanying

Transmittal; Application in 22 pages; Preliminary Amendment in 5 pages; Declaration and Power of Attorney in 2 pages; Information Disclosure Statement, PTO Form 1449 with 5 references; Assignment; Recordation Form Cover Sheet in 3 pages; Paper sequence listing in 4 pages and CRF diskette in duplicate; Four sheets of drawings; First page of International Application as published; Copies of PCT Forms PCT/IB/304 and PCT/IB/308; Check for Filing Fee; Return Prepaid Postcard

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